WFNW NAUGATUCK, CT BP-20070403ABW 1380 kHz

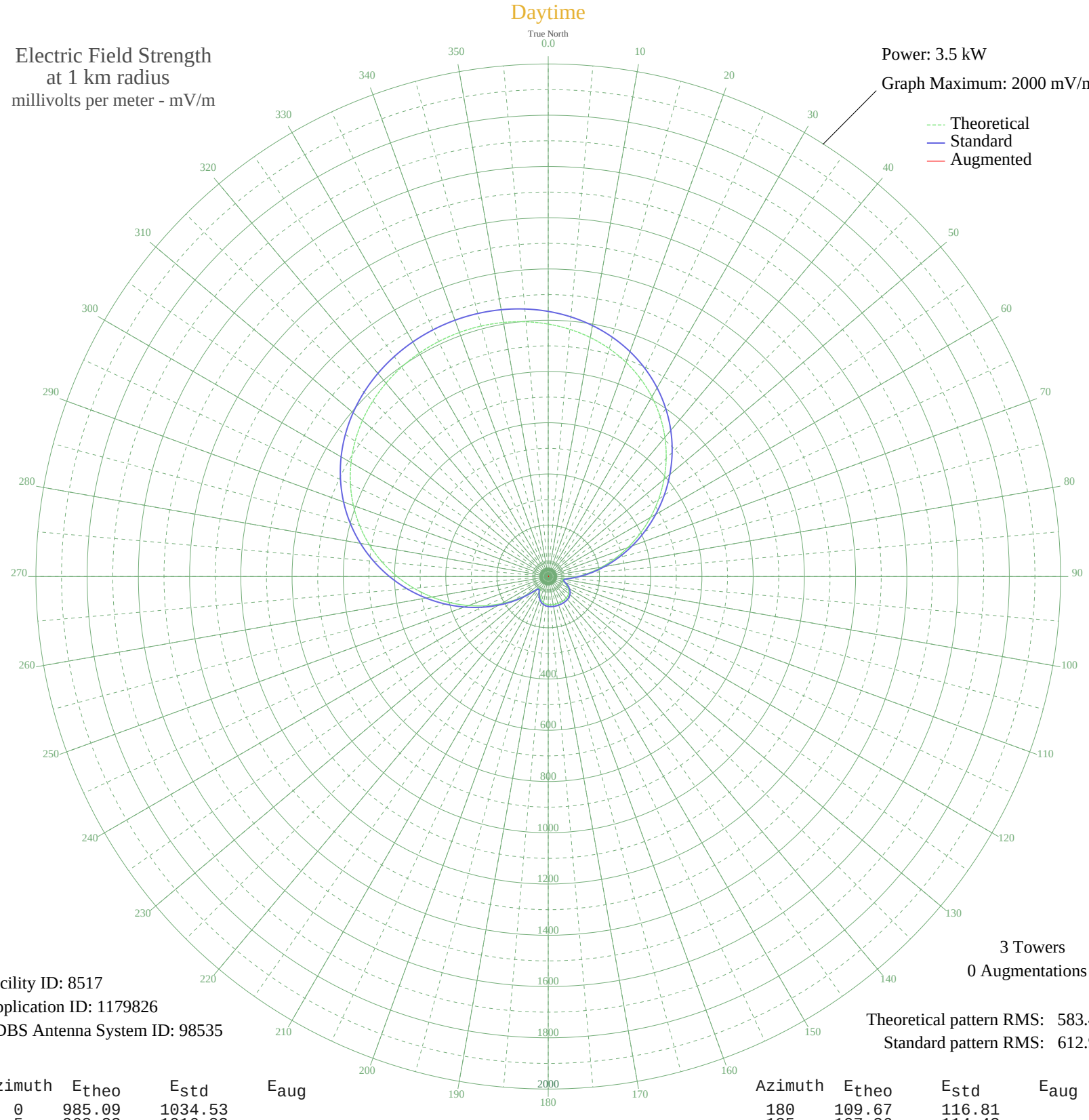
Daytime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 3.5 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



3 Towers
0 Augmentations

Facility ID: 8517
Application ID: 1179826
CDBS Antenna System ID: 98535

Theoretical pattern RMS: 583.40
Standard pattern RMS: 612.90

Azimuth	E_{theo}	E_{std}	E_{aug}
0	985.09	1034.53	
5	968.23	1016.83	
10	946.82	994.35	
15	920.48	966.71	
20	888.93	933.58	
25	851.94	894.75	
30	809.45	850.15	
35	761.57	799.89	
40	708.63	744.32	
45	651.20	684.04	
50	590.06	619.87	
55	526.22	552.88	
60	460.89	484.33	
65	395.38	415.62	
70	331.10	348.21	
75	269.46	283.61	
80	211.87	223.33	
85	159.77	168.90	
90	114.83	122.16	
95	79.63	85.89	
100	58.85	64.84	
105	56.31	62.31	
110	65.81	71.84	
115	78.12	84.35	
120	89.06	95.56	
125	97.51	104.25	
130	103.48	110.41	
135	107.36	114.42	
140	109.67	116.81	
145	110.90	118.09	
150	111.47	118.68	
155	111.69	118.91	
160	111.74	118.96	
165	111.69	118.91	
170	111.47	118.68	
175	110.90	118.09	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

11 Sep 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	109.67	116.81	
185	107.36	114.42	
190	103.48	110.41	
195	97.51	104.25	
200	89.06	95.56	
205	78.12	84.35	
210	65.81	71.84	
215	56.31	62.31	
220	58.85	64.84	
225	79.63	85.89	
230	114.83	122.16	
235	159.77	168.90	
240	211.87	223.33	
245	269.46	283.61	
250	331.10	348.21	
255	395.38	415.62	
260	460.89	484.33	
265	526.22	552.88	
270	590.05	619.87	
275	651.20	684.04	
280	708.63	744.32	
285	761.57	799.89	
290	809.45	850.15	
295	851.94	894.75	
300	888.93	933.58	
305	920.48	966.71	
310	946.82	994.35	
315	968.23	1016.83	
320	985.09	1034.53	
325	997.74	1047.82	
330	1006.52	1057.03	
335	1011.68	1062.45	
340	1013.38	1064.23	
345	1011.68	1062.45	
350	1006.52	1057.03	
355	997.74	1047.81	